

REMARKS

Entry of the above amendments prior to examination is respectfully requested.

Attached hereto is a marked-up version of the changes made to the specification by the current amendment. The attached page(s) is/are captioned "**Version With Markings to Show Changes Made.**"

I. Amendments

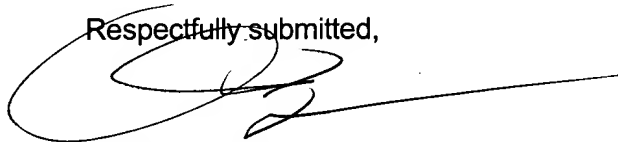
The specification has been amended in accordance with 37 C.F.R. §1.821 through 1.825 to add the Sequence Listing.

The specification has further been amended in accordance with 37 C.F.R. §1.821(d) to make reference to the sequence by use of the sequence identifier preceded by "SEQ ID NO:".

In view of the foregoing, the applicant submits that the application now complies with the requirements of 37 C.F.R. §1.821 through §1.825.

If in the opinion of the Examiner a telephone conference would expedite the prosecution of the subject application, the Examiner is encouraged to call the undersigned at (650) 846-7544.

Respectfully submitted,



H. Thomas Anderton, Jr.
Registration No. 40,895

Date: December 13, 2002

Genencor International, Inc.
925 Page Mill Road
Palo Alto, CA
Tel: (650) 846-7544
Fax: (650) 845-6504

VERSION WITH MARKINGS TO SHOW CHANGES MADE

Figure 5. [Totoal]Total ion current chromatogram of peptides 1, 2, and 3 from Figure 3. (1) Mass 980.6 (1+), left trace; mass 991.5 (1+), right trace, corresponding to tryptic peptide SSLENTTTK (SEQ ID NO:1) of BPN' and containing 11 nitrogen atoms. (2) Mass 765.6(2+), left trace; mass 775.6 (2+), right trace corresponding to tryptic peptide APALHSQGYTGSNVK (SEQ ID NO:2) of BPN' and containing 20 nitrogen atoms. 'x' is an unrelated peptide. (3) Mass 627.0 (2+), left trace; mass 636.4(2+), right trace corresponding to tryptic peptide HPNWTNTQVR (SEQ ID NO:3) of BPN' and containing 19 nitrogen atoms.

Figure 6. Table I.: Sequence comparison (SEQ ID NOs:4-15), m/z values, and ratios of integrated TIC peak areas and UV absorbance peak areas for chromatogram in Figure 1. The concentration measured by the co-digest technique for subtilisin and subtilisin-DAI was 8.15 and 7.13 mg/ml, respectively, while the given concentration (established by independent methods) was 7.99 and 7.03mg/ml, respectively.

Table I.: Sequence comparison (SEQ ID NOs:4-15), m/z values, and ratios of integrated TIC peak areas and UV absorbance peak areas for chromatograms in Figure 1. The concentration measured by the co-digest technique for subtilisin and subtilisin-DAI was 8.15 and 7.13 mg/ml, respectively, while the given concentration (established by independent methods) was 7.99 and 7.03mg/ml, respectively.